



Project No: AFC002001030202

Project: Supplemental RI

Client: AFCEE

Location: Site 24 - Vandenberg AFB

Northing(ft): 2099901.0

Borehole ID: HGL88(24MW28A)

Date: 11/13/2003

Geologist: D. Fortier

Checked By: D. Smith, R.G.

Ground Surface Elevation(ft msl): 461.5

Easting(ft): 5800561.3

SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
2		Gravel, sand and silt	FL						
4									
6									
8		Poorly graded sand Moderate yellowish brown, moist to very moist, slightly dense, medium grained sand	SP	454	100	8/12/14	1.8		
10				452					
12		Clayey sand Grayish green with mottled pale olive, slightly moist, moderately dense, medium grained sand	SC	450	100	10/50 for 4"	2.4		
14									
16		Poorly graded sand Pale to moderate yellowish brown, slightly moist to moist, slightly dense, fine to medium grained	SP	446	100	30/40/32	1.8		
18									
20		Clayey sand Pale yellowish brown, slightly moist, moderately dense, medium grained sand with few interbeds of poorly graded sand	SC	441	100	50 for 4"	1.2		
22									
24		Poorly graded sand Moderate yellowish brown, slightly moist to moist, slightly dense	SP	438					
26				437					
28		Clayey sand Pale yellowish brown, slightly moist, moderately dense, medium grained	SC	433	100	40/50 for 2"	0.0		
30									
32		Poorly graded sand Light olive gray, moist to very moist, slightly dense,	SP	431	80	36/50 for 4"	0.0		
34									
36		Clayey sand Pale yellowish brown, slightly moist, moderately dense, medium grained			100	20/50 for 4"	0.6		
38									
40									
					100	10/50 for 4"	0.3		

Not sampled for shallow groundwater due to offset borings.

Drilled By: Layne Christensen

Drill Method: Dual Tube Percussion

Drilling Equipment: AP-1000

Sampling Equipment: 2" x 18" CA Mod Split Spoon

HydroGeoLogic, Inc.

4600 Northgate Blvd., Suite 207

Sacramento, CA 95834

(916) 614-8770 FAX (916) 614-8775

Boring Diameter: 10"

Total Depth Drilled: 45'

Sheet: 1 of 2



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SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
42		Poorly graded sand Pale yellowish brown, moist to very moist, slightly dense, medium grained	SP	418	100				Drilled to 45'. Sampled to 45.8'. Set temporary well (screen 40' - 45'). Collected groundwater sample (HGL-88-GW45)
44		at 40' light olive gray, very moist, fine to medium grained	SW	416	100	25/50 for 4"	0.0		
46		Well graded sand Light olive gray, saturated, slightly dense, medium to coarse grained with trace fine gravel							
48									
50									
52									
54									
56									
58									
60									
62									
64									
66									
68									
70									
72									
74									
76									
78									
80									

Drilled By: Layne Christensen Drill Method: Dual Tube Percussion Drilling Equipment: AP-1000 Sampling Equipment: 2" x 18" CA Mod Split Spoon	HydroGeoLogic, Inc. 4600 Northgate Blvd., Suite 207 Sacramento, CA 95834 (916) 614-8770 FAX: (916) 614-8775	Boring Diameter: 10" Total Depth Drilled: 45' Sheet: 2 of 2
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